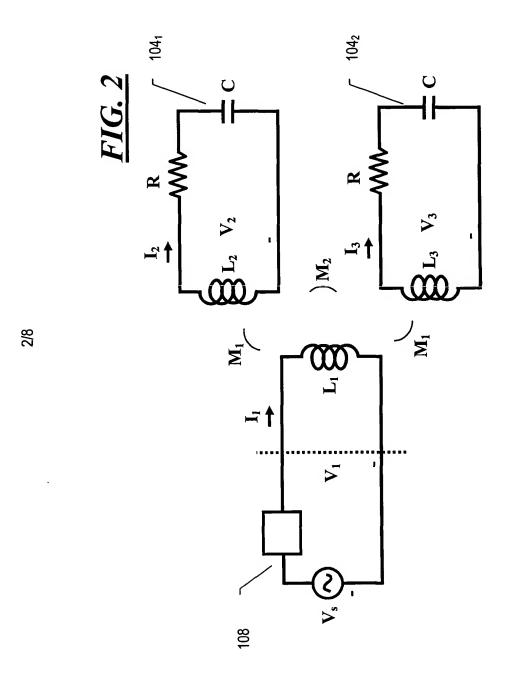


TITLE: METHODS AND APPARATUS FOR COUNTING AND POSITIONING

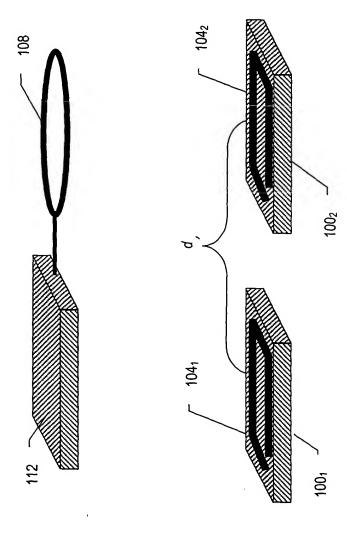
USING RESONANT TAGS
APPL. NUMBER: NOT YET ASSIGNED

INVENTOR: FLETCHER ET AL.
ATT'Y DOCKET: MLB-105 SHEET: 2 OF 8
EXPRESS MAIL LABEL NO. EV219065785US



TITLE: METHODS AND APPARATUS FOR COUNTING AND POSITIONING USING RESONANT TAGS
APPL. NUMBER: NOT YET ASSIGNED
INVENTOR: FLETCHER ET AL.
ATT'Y DOCKET: MLB-105 SHEET: 3 OF 8
EXPRESS MAIL LABEL NO. EV219065785US

## FIG. 3

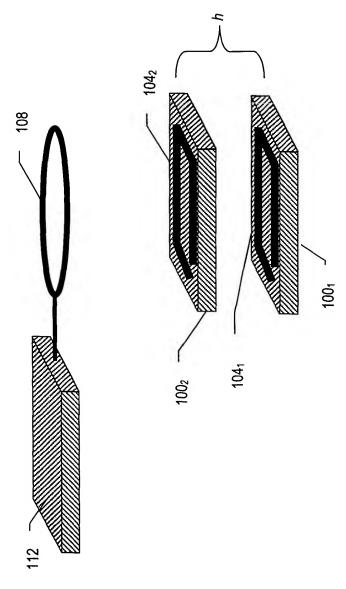


TITLE: METHODS AND APPARATUS FOR COUNTING AND POSITIONING USING RESONANT TAGS
APPL. NUMBER: NOT YET ASSIGNED
INVENTOR: FLETCHER ET AL.
ATT'Y DOCKET: MLB-105 SHEET: 4 OF 8
EXPRESS MAIL LABEL NO. EV219065785US

DETERMINE LATERAL SEPARATION OF ELEMENTS 404 DETERMINE MUTUAL INDUCTANCE BETWEEN ELEMENTS MEASURE RESONANT FREQUENCY FOR ELEMENTS

 $\ensuremath{\mathsf{TITLE}}$ : METHODS AND APPARATUS FOR COUNTING AND POSITIONING USING RESONANT TAGS

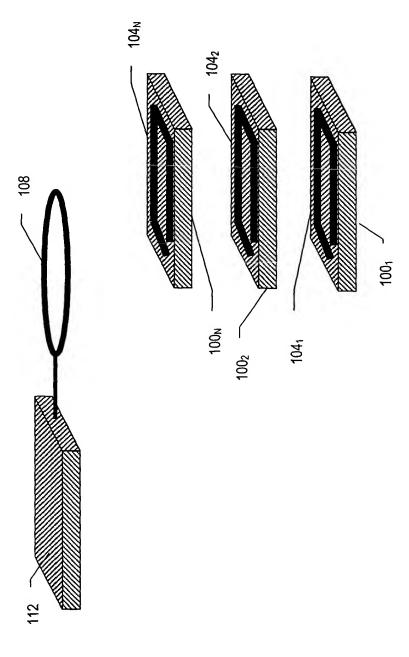
APPL. NUMBER: NOT YET ASSIGNED
INVENTOR: FLETCHER ET AL.
ATT'Y DOCKET: MLB-105 SHEET: 5 OF 8
EXPRESS MAIL LABEL NO. EV219065785US



TITLE: METHODS AND APPARATUS FOR COUNTING AND POSITIONING USING RESONANT TAGS
APPL. NUMBER: NOT YET ASSIGNED INVENTOR: FLETCHER ET AL.
ATT'Y DOCKET: MLB-105 SHEET: 6 OF 8
EXPRESS MAIL LABEL NO. EV219065785US

DETERMINE AXIAL SEPARATION OF ELEMENTS DETERMINE MUTUAL INDUCTANCE BETWEEN ELEMENTS MEASURE RESONANT FREQUENCY FOR ELEMENTS

TITLE: METHODS AND APPARATUS FOR COUNTING AND POSITIONING USING RESONANT TAGS
APPL. NUMBER: NOT YET ASSIGNED
INVENTOR: FLETCHER ET AL.
ATT'Y DOCKET: MLB-105 SHEET: 7 OF 8
EXPRESS MAIL LABEL NO. EV219065785US



7/8

TITLE: METHODS AND APPARATUS FOR COUNTING AND POSITIONING

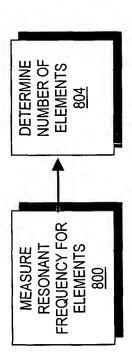
USING RESONANT TAGS

APPL. NUMBER: NOT YET ASSIGNED

INVENTOR: FLETCHER ET AL.

ATT'Y DOCKET: MLB-105 SHEET: 8 OF 8 EXPRESS MAIL LABEL NO. EV219065785US

## FIG. 8



8/8